



Docket No.: 57454-160

**UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)**

jc903 U.S. PTO
09/892773



Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Shohei MORIWAKI, Yoshifumi AZEKAWA, Osamu CHIBA
FOR: APPARATUS AND METHOD FOR DRAWING THREE DIMENSIONAL
GRAPHICS BY CONTROLLING α VALVE BASED ON Z COORDINATE
VALVE

Enclosed are:

16 pages of specification, claims, abstract.
 Declaration and Power of Attorney.
 Priority Claimed.
 Certified copy of Japanese Patent Application No. 2000-361405
 7 sheets of formal drawing.
 An assignment of the invention to Mitsubishi Denki Kabushiki Kaisha
and the assignment recordation fee.
 An associate power of attorney.
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 Information Disclosure Statement, Form PTO-1449 and references.
 Return Receipt Postcard

The filing fee has been calculated as shown below:

NO. OF CLAIMS	EXTRA CLAIMS	RATE	AMOUNT
Total Claims	19	-20	0
Independent Claims	3	-3	0
Multiple Dependent Claim(s)			\$0.00
Basic Fee			\$710.00
Total of Above Calculations			\$710.00
Less ½ for Small Entity			\$0.00
Assignment & Recording Fee			\$40.00
Total Fee			\$750.00

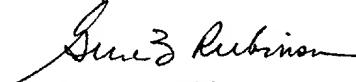


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PATENT TRADEMARK OFFICE

- Please charge my Deposit Account No. 500417 in the amount of \$750.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
 - Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
 - Any patent application processing fees under 37 CFR 1.17.
 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Gene Z. Rubinson
Registration No. 33,351

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 GZR:prp
Date: June 28, 2001
Facsimile: (202) 756-8087